



# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 54979

Application ID: 10697052



Title of Invention:  
A METHOD FOR DISCOVERING  
UNDECLARED AND FUZZY RULES  
IN DATABASES

First Named Inventor: PAUL BROWN

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-31

Effective Receipt Date: 2004-02-06

Submission Type: Information Disclosure  
Statement

Filing Type:

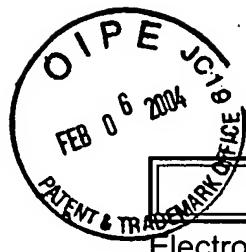
Confirmation number: 8380

Attorney Docket Number: ARC920030044US1

Total Fees Authorized:

Digital Certificate Holder: cn=Ramraj Soundararajan,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 772e3ff1d9cf9971fd79af46834f8434763ec77

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## TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------|
| Title of Invention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | A METHOD FOR DISCOVERING UNDECLARED AND FUZZY RULES IN DATABASES                             |                |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10/697052  |                |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2003-10-31                                                                                   |                |
| First Named Applicant:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PAUL GEOFFREY BROWN                                                                          |                |
| Confirmation Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 8380                                                                                         |                |
| Attorney Docket Number:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ARC920030044US1                                                                              |                |
| <p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> |                                                                                              |                |
| Submitted by:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Elec. Sign.                                                                                  | Sign. Capacity |
| RAMRAJ SOUNDARARAJAN<br>Registered Number: 53832                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | /ramrajsoundararajan/                                                                        | Agent          |
| Documents being submitted<br>us-ids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Files<br>fuzzyrules-usidst.xml<br>us-ids.dtd<br>us-ids.xsl                                   |                |
| Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                              |                |



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

|                         |                                                                                                                            |  |  |  |  |  |  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Title of Invention      | A METHOD FOR DISCOVERING UNDECLARED AND FUZZY RULES IN DATABASES                                                           |  |  |  |  |  |  |
| Application Number:     | 10/697052                               |  |  |  |  |  |  |
| Confirmation Number:    | 8380                                                                                                                       |  |  |  |  |  |  |
| First Named Applicant:  | PAUL BROWN                                                                                                                 |  |  |  |  |  |  |
| Attorney Docket Number: | ARC920030044US1                                                                                                            |  |  |  |  |  |  |
| Art Unit:               | 2177                                                                                                                       |  |  |  |  |  |  |
| Search string:          | ( 5842200 or 5943667 or 6061682 or 6236982 or 6272478 or 6278998 or 6385608 or 6415287 or 20020198877 or 20030023612 ).pn. |  |  |  |  |  |  |

### US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date       | Patentee          | Kind | Class | Subclass |
|------|----------|------------|------------|-------------------|------|-------|----------|
|      | 1        | 5842200    | 1998-11-24 | AGRAWAL ET AL.    |      | 707   | 1        |
|      | 2        | 5943667    | 1999-08-24 | AGGARWAL ET AL.   |      | 707   | 3        |
|      | 3        | 6061682    | 2000-05-09 | AGRAWAL ET AL.    |      | 707   | 6        |
|      | 4        | 6236982    | 2001-05-22 | MAHAJAN ET AL.    | B1   | 706   | 45       |
|      | 5        | 6272478    | 2001-08-07 | OBATA ET AL.      | B1   | 706   | 12       |
|      | 6        | 6278998    | 2001-08-21 | OZDEN ET AL.      | B1   | 707   | 6        |
|      | 7        | 6385608    | 2002-05-07 | mitsubishi ET AL. | B1   | 707   | 6        |
|      | 8        | 6415287    | 2002-07-02 | WANG ET AL.       | B1   | 707   | 6        |

### US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

| init | Cite.No. | Pub. No.    | Date       | Applicant      | Kind | Class | Subclass |
|------|----------|-------------|------------|----------------|------|-------|----------|
|      | 1        | 20020198877 | 2002-12-26 | WOLFF ET AL.   | A1   | 707   | 6        |
|      | 2        | 20030023612 | 2003-01-30 | CARLBOM ET AL. | A1   | 707   | 103 R    |

Signature

|               |      |
|---------------|------|
| Examiner Name | Date |
|               |      |